

Scenery

Static Grass



The Basics:

- Types of Static Grass
 - Rayon – cellulose – Noch, Scenic Express, Silfor, etc.
 - Nylon – petroleum - Woodland Scenics
- Static Charge – 16K-100K volts
 - DO NOT operate a static grass machine if you have bioelectronics
 - Pacemaker
 - Hearing Aids
 - Pro static grass machines start at 50K volts
 - Rayon – in my experience accepts a static charge better at a lower voltage
- “Skin over” – Surface of the glue dries before the base
 - Use water with detergent - a drop of detergent per pint/quart of water

The Basics (con't):

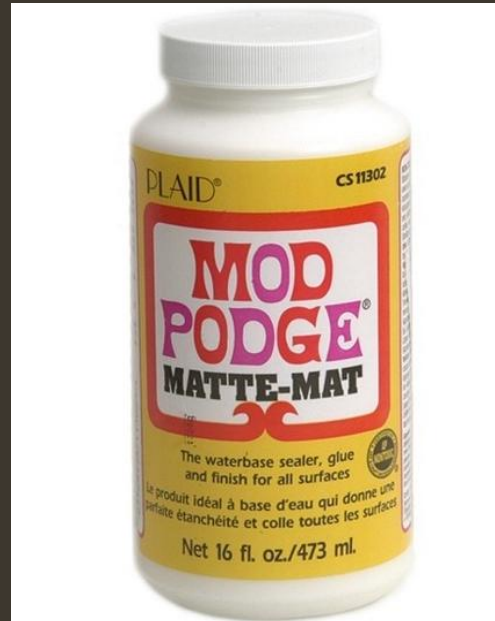
- Workarea
 - Start with a 12" x 12" area
- Things that affect working time - Glue
 - Interruptions
 - Evaporation
 - Humidity – evaporation
 - The lower the humidity, the faster the evaporation
 - Temperature – evaporation
 - The higher the temperature, the faster the evaporation
 - Static grass material – Nylon/Rayon
 - Rayon – in my experience accepts a static charge better at a lower voltage
- The goal: For the static grass to penetrate the glue surface and stick standing up

Gather the following materials:

- Static Grass Machine
- Static Grass Glue
 - Elmer's Glue (PVA) – not School Glue
 - Mod Podge
 - Paint
 - Matte Medium
- Paint Brush – 1 inch
- Spray bottle
- Water – prefer distilled
- Vacuum

Gather the following materials (con't):

- PVA – Polyvinyl Acetate
 - Elmer's Glue
 - Mod Podge (2/3 PVA + 1/3 water)
- Acrylic Paint
 - Matte Medium



Gather the following materials (con't):

- Paint – Latex/Acrylic
 - Short working time
- Noch Grass Glue
 - PVA with a wetting agent
 - Longer working time



Gather the following materials (con't):

- Squirt Bottle
 - Squeeze bottle will work
- Glue – 50/50 (glue/water)
 - Mix in a separate container
 - Use warm water

Don't forget to empty and clean
after each use

Add a drop of detergent to increase
working time



Gather the following materials (con't):

- Static Grass Machine
 - Mine is the Noch GrasMachine v1
 - Others will work



Gather the following materials (con't):

- Other Static Grass Machines
 - Woodland Scenics – General use
 - WWScenic – Small – Tight areas
 - Homemade - Failure



Gather the following materials (con't):

- My GO TO Static Grass Machine
 - RTS Greenkeeper – General use



Gather the following materials (con't):

- Vacuum
 - Any vacuum with a clean catcher



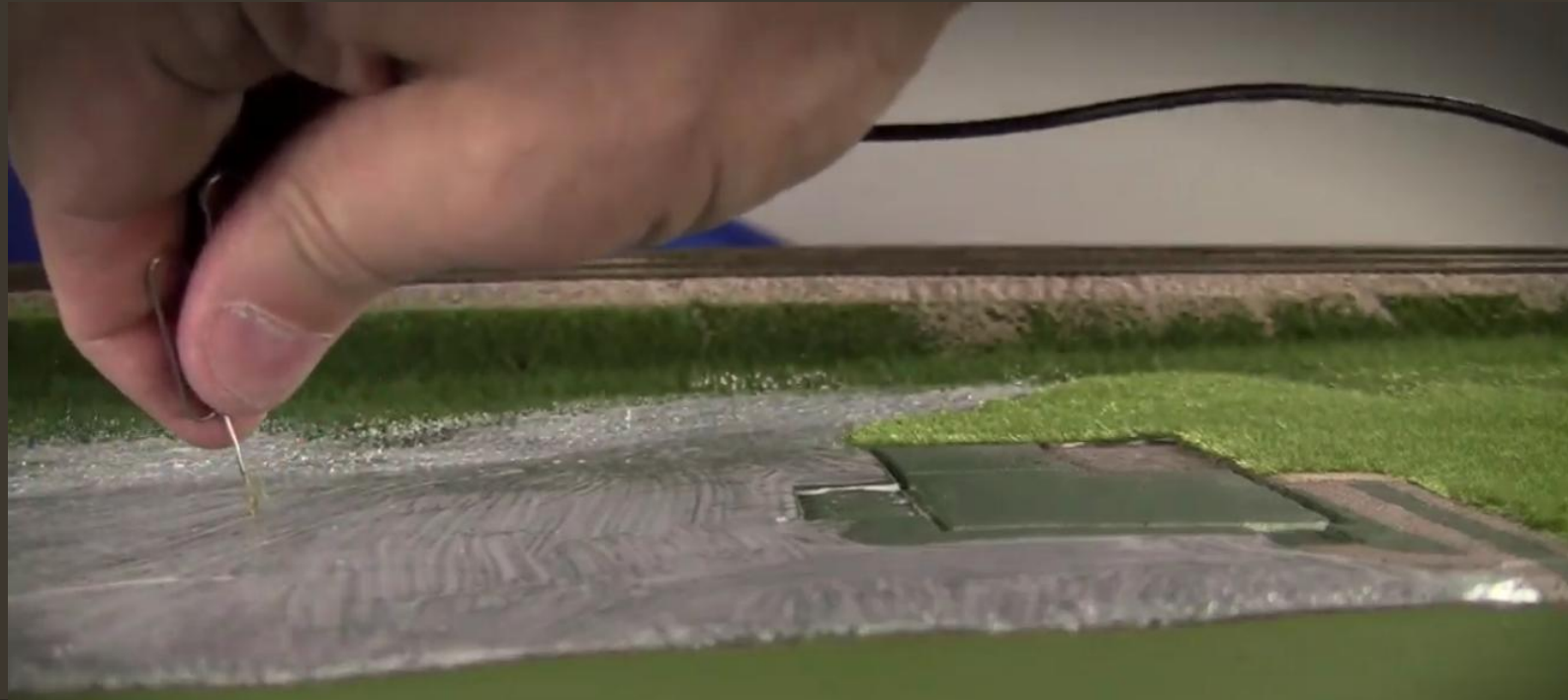
Gather the following materials (con't):

- Static Grass
 - Rayon
 - Noch 2mm – Ankle (HO)
 - Noch 4mm – Mid-calf
 - Noch 6mm – Knee
 - Scenic Express 10mm – Butt
 - Nylon 12mm – Waist
 - Woodland Scenics
 - Poly Fiber



The Process:

- Cover the area you want covered in Static Grass with:
 - Glue (full strength), Paint, or Matte Medium
- Place the positive lead on the wet area to be covered



The Process (con't):

- Load the Grass Machine's hopper with the static grass to be used
- Place the small screen on the hopper
- Turn on the Grass Machine
- Hold the Grass Machine as close as possible to the treated surface – 2-4 inches
- Tap/Twist the Grass Machine until the area is covered
- Reload as necessary
- Use different length grass



The Process (con't):

- Vacuum the area for any loose static grass
 - The vacuumed grass is reusable
 - Can use the vacuum to help longer lengths of grass to stand up



The Process (con't):

- Review the work



Supplies:

- **Scenic Express** - <https://www.scenicexpress.com/>
 - All types of scenic material, including Static Grass
- **WWScenics** - <https://www.wwscenics.com/>
 - All types of scenic material, **Specialty** is Static Grass
- **Woodland Scenics** - <https://woodlandscenics.woodlandscenics.com/>
 - All types of modeling material, including Static Grass

Question and Answer

